

REMARKS

Claims 1-76 are pending in the present application.

Restriction/Election

The Examiner has required an election in the present application, however, has not provided has not provided an allocation of species and sub-species. The Examiner, on Page 3 of the Action, did provide a non-exhaustive list of options. The Examiner then provided an example species from the list including “LCD using PWM of a single light source backlight to generate first and second intensity levels”.

Thus, for the purpose of examination of the present application, the Applicant elects Species suggested by the Examiner, as follows: “LCD using PWM of a single light source backlight to generate first and second intensity levels”.

Claims 1-5, 8, 15-19, 20-24, 26, 28, 29, 37, 38, 40-43, 46, 48, 49, 60-62, 64-68, 71 and 76 are directed to the elected species. At least claims 1, 61 and 76 are generic.

Requirement for Information

The Examiner has also requested information under 37 C.F.R. § 1.105, Requirement for Information. A Requirement for Information under 37 C.F.R. § 1.105 gives the Examiner discretion to require an applicant to submit “such information as may be reasonably necessary to properly examine or treat the matter.” 37 C.F.R. §§ 1.105(c), 1.135.

The Examiner is requesting that Applicants provide the title, citation and copy of each of the references cited at the end of the article titled “*A Method of Improving AMLCD Motion Picture Quality*” by inventors Itoh and Seo, which was submitted in an Information Disclosure Statement on December 22, 2006. Three (3) references appear on the bottom of page 16 of the Japanese language document of the article. A copy of each reference is enclosed herewith. The title and citation of each reference is as follows:

- (I) EID2000-47, pp. 13-18 (2000-09)

- (II) J. Hirakata: "Super-TFT-LCD for Moving Picture Images with the Blink Backlight System", SID 01 DIGEST, 35.2, pp. 990-993 (2001)
- (III) T. Kurita: "Proposal of a Motion-Adaptive Intermittent Displayed Light Method", IDW 03 VHF2-5, pp. 1733-1734 (2003)

For any publication not in the English language, the Examiner is requesting a concise explanation of relevance of the publication. The (I) EID2000-47 document is a Japanese reference (provided) and Applicants have enclosed a translation of this Japanese document titled "Fundamental Deterioration of Picture Quality for Moving Images Displayed on LCDs and Methods for Improvement" for this Japanese reference.

Moreover, for each of the three (3) publications, the Examiner is also requesting an indication of teachings from the concise explanation for relevance for the paper "A Method of Improving AMLCD Motion Picture Quality" that may be found in the publication, if any. In order to comply with 37 C.F.R. § 1.105, there is no obligation to provide the Examiner with an indication of teachings of any reference. Therefore, the request for an indication of teachings is traversed.

Interrogatories

The elected Species is "LCD using PWM of a single light source backlight to generate first and second intensity levels", directed to claims 1-5, 8, 15-19, 20-24, 26, 28, 29, 37, 38, 40-43, 46, 48, 49, 60-62, 64-68, 71 and 76.

The Examiner points out regarding the condition B [$48 < S < 62$, and $D \leq (S-48)/0.23$], that as S approaches 48, "it appears that the limitation requires an infinite instantaneous intensity in order to provide 48% of the total intensity in no time". Applicants disagree with this statement. The case $S=48$ is excluded from the condition B ($48 < S < 62$), and therefore this situation, providing 48% of the total intensity, is unnecessary to explore.

The Examiner also asserts that the author listed for the paper "A Method of Improving AMLCD Motion Picture Quality" is ITO instead of Itoh. The Examiner is requesting the listing of other patent documents that have the inventor names Itoh and Seo. See the following

documents: JP2008-140657A, JP2007-207627A, JP2006-018200A, JP2005-266758A, JP2005-266752A, JP2005-266751A and US2007-126757A1.

CONCLUSION

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Charu K. Mehta, Reg. No. 62,913, at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

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Respectfully submitted,

By 

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